

## CRASH RATED BOOM BARRIER - GAJRAJ 8



Swaraj Secutech presents India's first indigenously designed and manufactured Crash Rated Boom Barrier. The Barrier has been impact rated in accordance with IWA 14-1:2013 std at Horiba MIRA, U.K. wherein the barrier was hit at 64 km/h by a fully laden 7.2-ton truck.

The crash beam incorporates a high tensile steel specially manufactured for this product by one of India's leading steel manufacturer. In a collision, the energy of the Impact is transmitted through the crash beam to the reinforced foundation.

All parts of the barriers are manufactured keeping in mind the corrosive nature of the tropical Indian Climate. All parts of barriers are first galvanized and then given a double layer of epoxy coating to prevent rust. The barrier can easily be operated manually in times of power failure. The design of the barrier ensures that the crash worthiness of the barrier is not dependent on the actuating mechanism on whether it is in manual mode or hydraulic mode.

With Spare kit ,a part of our standard supply and service network extending pan India, after sales service is always a priority for us.

### SAFETY :

Safety is most important to us and we provide dual safety mechanism when the barrier is operated automatically.

1. Safety against vehicle: loop detector
2. Safety against human traffic: photo sensor

## TECHNICAL SPECIFICATIONS

MODEL NO.	GAJRAJ 8
PRODUCT RATING	IWA 14-1:2013 Gate V/7200[N2A]/64/90:23.2
RATED IMPACT ENERGY	1173 KILO JOULES
BARRIER TYPE	CRASH RATED BOOM BARRIER
MECHANISM	ELECTR-HYDRAULIC / MANUAL
RATED LENGTH	7.5 METERS
RATED HEIGHT	900MM
OPERATING TEMPERATURE	-30 DEGREE TO +65 DEGREE CELSIUS
POWER SUPPLY (AUTOMATIC)	415 V (AC), 50 HZ / 220V AC , 60HZ
OPERATING PRESSURE (AUTOMATIC)	PRESSURE IN THE OIL PUMP CAN BE ADJUSTED BETWEEN 30 TO 120 BARS
SPEED	5 TO 6 SECONDS (10 SECONDS WITH MECHANICAL CUSHIONING)
OPERATIVE OPTIONS	PUSH BUTTON AND REMOTE CONTROL / MANUAL
IN CASE OF POWER FAILURE	MANUAL OPERATION POSSIBLE BY HAND PUMP/BYPASS VALVE. OPTION AVAILABLE FOR ACCUMULATOR BASED AUTOMATIC OPERATION
SAFETY MECHANISM	SENSORS FOR HUMAN AND VEHICULAR SAFETY IS PROVIDED AS A STANDARD ACCESSORY ALONG WITH VISUAL AND AUDIBLE WARNING LAMP
ADDITIONAL FEATURES	<ul style="list-style-type: none"> <li>• THE HYDRAULIC POWER-PACK CAN BE INSTALLED WITHIN THE MAIN BARRIER BODY OR CAN BE SEPARATELY INSTALLED IN CASE OF SPACE CONSTRAINT</li> <li>• TWO PAIRS OF PHOTO SENSORS AND LOOP DETECTORS ARE PROVIDED AS STANDARD ACCESSORIES FOR SAFETY AGAINST HUMAN TRAFFIC AND VEHICLES</li> <li>• ACTIVATED WARNING LIGHTS WHILE BARRIER IS IN OPERATION</li> </ul>



“PROUDLY MADE IN INDIA”

### INDIA

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